Claims

1.   System for converting DVD based video recording formats among each other, comprising:

-    a reader unit for reading source data organized in a DVD-source format from a DVD-source medium;

-    an input module coupled with the reader unit for receiving data from the source medium;

-    a writer unit for writing destination data organized in a destination format on a DVD-destination medium;

-    an output module coupled with said writer unit for supplying data to be written,

wherein said input module is adapted to providesource data in at least the DVD-source format and a generic DVD-format, and said output module is adapted to get data from said input module in one of said offered DVD-formats depending on the DVD-destination format.

2.   System of claim 1, wherein said input module comprises a data format analysing unit for detecting and analysing the DVD-source format.

3.   System of claim 1, wherein said input module comprises a converting unit for converting said source data in said DVD-source format in said generic DVD-format upon request of said output module.

4.	System of claim1, wherein said output module comprises a converting unit for converting said data requested from and supplied by said input module into said DVD-destination format.

5.	System of claim 1, wherein said DVD-source and destination formats are DVD+R VR, DVD+RW VR, DVD-RW VR, DVD-RAM VR, DVD-R VR and DVD-Video.

6.	System of claim 1, wherein said generic DVD-format contains information common to all DVD-source and destination formats.

7.	System of claim 6, wherein said information comprises at least recording and chapter information.

8.	System of claim 4, wherein said converting unit of said output module is adapted to get selected data being part of a further DVD-format provided by said input module.

9.	System of claim 1, comprising a video converter unit coupled with said output module for converting video data on said source medium into a format required by said output module.

10.	System of claim 1, comprising a data allocation unit assigned to said write unit for allocating space on said DVD-destination medium when data is not immediately available for writing.

11.	System of claim 1, comprising a file-system driver unit assigned to said reader unit for reading data on the DVD-source medium in a file-system.

12. Method for converting any video recording source format of data stored on a DVD-source medium into a desired video recording destination format, comprising the steps of

- analysing source data on a DVD-source medium for determining the DVD-source format;

- providing said source data in at least said DVD-source format and a generic DVD-format;

- getting data in one of said offered DVD-formats depending on the DVD-destination format;

- parsing said source data into said requested DVD-format; and

- parsing said data provided in said requested DVD-format into said DVD-destination format.

13. Method of claim 12, wherein said DVD-source format and said DVD-destination format is one of DVD+R VR, DVD+RW VR, DVD-RW VR, DVD-RAM VR, DVD-R VR and DVD-Video.

14. Method of claim 12, wherein said generic DVD-format is selected so that it contains only information common to all DVD-source and destination formats.

15. Method of claim 12, wherein said steps of analysing, providing and parsing said source data are performed by an input module and said steps of getting and parsing said data are performed by an output module.

16.   Method of claim 12, wherein the step of requesting data in one of said offered DVD-formats comprises the step of determining which of the provided DVD-formats matches best with the DVD-destination format.

17.   Method of claim 12, wherein for elements in said DVD-destination format having no correspondence in said requested data, corresponding data is searched and requested in the remaining provided DVD-formats.

18.   Method of claim 12, comprising the step of converting a video content recorded on said source medium into a video format desired for said DVD-destination medium.

19.   Method of claim 12, comprising the step of writing said data in said DVD-destination format on said DVD-destination medium.

20.   Method of claim 19, wherein the step of writing said data is performed without using extra temporary storage.

21.   Computer program product stored on a computer usable medium, for converting any video recording source format of data stored on a DVD-source medium into a desired video recording DVD-destination format, said computer program product comprising computer readable program means for carrying out a method according to claim 12.

22.   System for converting DVD based video recording formats among each other, comprising:

-       a reader unit for reading source data organized in any DVD-source format from a DVD-source medium;

-     a writer unit for writing destination data organized in any DVD-destination format on a DVD-destination medium;

-     a processing unit coupled with the reader unit for receiving data from the source medium and coupled with said writer unit for supplying data to be written,

wherein said processing unit is adapted to convert DVD-source data in any DVD-source format into DVD-destination data in any DVD-destination format.

23.   System of claim 22, wherein said processing unit comprises an input module and an output module, said input module being coupled with the reader unit for receiving data from the source medium, and said output module being coupled with said writer unit for supplying data to be written, wherein said input module is adapted to provide source data in at least the DVD-source format and a generic DVD-format, and said output module is adapted to get data from said input module in one of said offered DVD-formats depending on the DVD-destination format.

24.   System of claim 23, wherein said input module comprises a data format analysing unit for detecting and analysing the DVD-source format.

25.   System of claim 23, wherein said input module comprises a converting unit for converting said source data in said DVD-source format in said generic DVD-format upon request of said output module.

26.   System of claim 23, wherein said output module comprises a converting unit for converting said data requested from and supplied by said input module into said DVD-destination format.

27.   System of claim 23, wherein said DVD-source and destination formats are DVD+R VR, DVD+RW VR, DVD-RW VR, DVD-RAM VR, DVD-R VR and DVD-Video.

28.   System of claim 23, wherein said generic DVD-format contains information common to all DVD-source and destination formats.

29.   System of claim 28, wherein said information comprises at least recording and chapter information.

30.   System of claim 26, wherein said converting unit of said output module is adapted to get selected data being part of a further DVD-format provided by said input module.

31.   System of claim 23, comprising a video converter unit coupled with said output module for converting video data on said source medium into a format required by said output module.

32.   System of claim 23, comprising a data allocation unit assigned to said write unit for allocating space on said DVD-destination medium when data is not immediately available for writing.

33.   System of claim 23, comprising a file-system driver unit assigned to said reader unit for reading data on the DVD-source medium in a file-system.

34.   Method for converting any video recording source format of data stored on a DVD-source medium into any desired video recording destination format, comprising the steps of

-       analysing source data on a DVD-source medium for determining the DVD-source format;

-       generating destination data organized in said desired DVD-destination format by using selected source data on the basis of the result of the analysing step; and

-       writing said destination data on a DVD-destination medium.

35.   Method of claim 34, wherein said step of generating comprises the steps of:

-       providing said source data in at least said DVD-source format and a generic DVD-format;

-       getting data in one of said provided DVD-formats depending on the DVD-destination format;

-       parsing said source data into said DVD-format; and

-       parsing said data provided in said DVD-format into said DVD-destination format.

36.   Method of claim 35, wherein said DVD-source format and said DVD-destination format is one of DVD+R VR, DVD+RW VR, DVD-RW VR, DVD-RAM VR, DVD-R VR and DVD-Video.

37.	Method of claim 35, wherein said generic DVD-format is selected so that it contains only information common to all DVD-source and destination formats.

38.	Method of claim 35, wherein said steps of analysing, providing and parsing said source data are performed by an input module and said steps of getting and parsing said data are performed by an output module.

39.	Method of claim 35, wherein the step of getting data in one of said provided DVD-formats comprises the step of determining which of the provided DVD-formats matches best with the DVD-destination format.

40.	Method of claim 35, wherein for elements in said DVD-destination format having no correspondence in said requested data, corresponding data is searched and get in the remaining provided DVD-formats.

41.	Method of claim 35, comprising the step of converting a video content recorded on said source medium into a video format desired for said DVD-destination medium.

42.	Method of claim 35, comprising the step of writing said data in said DVD-destination format on said DVD-destination medium.

43.	Method of claim 35, wherein the step of writing said data is performed without using extra temporary storage.